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BOOK 2921

(1)

# BOOK "J" FIELD NOTES

OF THE SURVEY OF THE

*Subdivision Lines of*

*Township 15 North - Range 15 West*

*of the Gila & Salt River Base & Meridian,*

*In the State of Arizona*

EXECUTED BY

*Irving W. Stoddard, U.S. Surveyor*

*and*

*R. D. Armstrong, U.S. Transitman.*

~~*In the capacity of U.S. Surveyor*~~, under instructions dated *Dec. 28*, 1914,

*issued by the United States Surveyor General to govern surveys included in*

*Group No. 41*, which were approved by the Commissioner of the General Land

*Office, Jan. 22*, 1915

*Survey commenced April 23*, 1915

*Survey completed May 4*, 1915

*And granted under assignment instructions dated Jan. 28, 1915.*

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# Book "J"

BOOK 2921

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Notes in Book "A"

Subdivision of T. 15 N., R. 15 W.

Chains.

Survey commenced Apr. 23, 1915, and executed jointly by Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, with Young and Sons' light mountain transits, Nos. 8485 and 8531, with Smith Solar Attachments. For description of instruments and certificate of approval, see Book "A".

In the following field notes, the initials I. W. S. and R. D. A. refer to Irving W. Stoddard, U. S. Surveyor, and R. D. Armstrong, U. S. Transitman, respectively.

Knowing from recent and repeated tests of these instruments on a meridian established by observations on Polaris at elongation, that they are in adjustment, we proceed to the subdivision of T. 15 N., R. 15 W.

I. W. S. and R. D. A.

I. W. S.

Apr. 23, 1915: At 7 hrs, 58 m., a.m., l.m.t., I set off  $34^{\circ} 35\frac{1}{2}'$  N. on the lat. arc;  $12^{\circ} 19\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, established by R.D.A., as described in Book "A".

Thence I run

N.  $0^{\circ} 1'$  W., bet. secs. 35 and 36.

Over level land, through scattering timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S35 in W. and  
 S36 in E. half;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

44.00 Wash, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

1915 on S. rim;  
 T15N R15W in N. half;  
 S26 in N W.,  
 S25 in NE.,  
 S36 in SE. and  
 S35 in SW. quadrant;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

Land, level.

Soil, sandy loam, 2nd rate.

Timber, juniper.

Undergrowth, yucca, greasewood, palo verde and cacti.

Cracker grass.

40.00 N.  $89^{\circ} 57'$  E., on a random line, bet. secs. 25 and 36.  
 Set temp.  $\frac{1}{4}$  sec. cor.

79.80 Intersect the E. bdy. of the Tp., 33 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by R. D. A., as described in Book "A".

Thence I run

N.  $89^{\circ} 49'$  W., on a true line, bet. secs 25 and 36.

Over level land, through scattering timber and undergrowth.

39.90 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on bed rock, supported by a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

1915 on S. rim;  
 $\frac{1}{4}$ S25 in N. and  
 S36 in S. half;

## 2. Subdivision of T. 15 N., R. 15 W.

Chains.	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
48.80	Draw, course SSW.
61.30	Wash, course SSW.
79.80	The cor. of secs. 25, 26, 35 and 36. Land, level. Soil, sandy loam, 3rd rate. Timber, juniper. Undergrowth, yucca, greasewood, ocotilla and cacti.
.77	N.0° 1' W., bet. secs. 25 and 26. Over level land, through scattering timber and undergrowth. Road, brs. NE. to Chicken Springs, and SW. to Signal.
2.20	Road, brs. NE. to Chicken Springs, and WSW. to Yucca.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼S26 in W. and S25 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap 1915 on S. rim; T15N R15W in N. half; S23 in NW., S24 in NE., S25 in SE. and S26 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, level. Soil, gravelly loam, 2nd rate. Timber, juniper. Undergrowth, yucca, cat claw, mesquite, greasewood and cacti.
40.00	S.89° 49' E., on a random line, bet. secs. 24 and 25. Set temp. ¼ sec. cor.
79.94	Intersect E. bdy. of Tp., 9 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by R. D. A., as described in Book "A". Thence I run N.89° 45' W., on a true line, bet. secs. 24 and 25. Over gently rolling land, through scattering timber and undergrowth.
31.95	Wash, course S.
33.50	Road, brs. NE. to Chicken Springs, and SW. to Yucca or Signal.
38.14	Road, brs. NNE. to Water's Ranch, and SSW. to Yucca or Signal.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, on bed rock, supported by a mound of stone, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼S24 in N. and S25 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
79.94	The cor. of secs. 23, 24, 25 and 26. Land, level and gently rolling. Soil, gravelly loam, 2nd rate. Timber, scattering juniper. Undergrowth, greasewood, yucca, palo verde and cacti.

Apr. 23, 1915.

Subdivision of T. 15 N., R. 15 W.

Chains.

Apr. 24, 1915.  
N.0° 1' W., bet. secs. 23 and 24.  
Over rolling land, through scattering timber and undergrowth.

4.80

Wash, course WSW.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap  
1915 on S. rim;  
1/4 S23 in W. and  
S24 in E. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

47.85

Road, brs. ENE. to Chicken Springs, and WSW. to Yucca.

80.00

Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap

1915 on S. rim;  
T15N R15W in N. half;  
S14 in NW.,  
S13 in NE.,  
S24 in SE. and  
S23 in SW. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Land, rolling.

Soil, rocky, 2nd and 3rd rate.

Timber, juniper.

Undergrowth, greasewood, yucca, mesquite, cat claw and cacti.

40.00

S.89° 45' E., on a random line, bet. secs. 13 and 24.

80.06

Set temp. 1/4 sec. cor.  
Intersect E. bdy. of Tp., 9 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, established by R. D. A., as described in Book "A".

Thence I run

N.89° 49' W., on a true line, bet. secs. 13 and 24.

Over rolling land, through scattering timber and undergrowth.

27.05

Corral brs. S. 2 chs. dist.

30.55

Wash, course S.

38.50

Road, brs. N. to Walter's Ranch, and S. to Signal or Yucca.

40.03

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1915 on S. rim;  
1/4 S13 in N. and  
S24 in S. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, NW. of cor. Pits impracticable.

44.00

Old road, brs. N. and S.

80.06

The cor. of secs. 13, 14, 23 and 24.

Land, rolling.

Soil, rocky, 3rd and 4th rate.

Timber, juniper.

Undergrowth, mesquite, cat claw, greasewood, yucca and cacti.

Note: I did not consider it advisable to place the mound at the 1/4 sec. cor. in its proper position, owing to the nature of the ground.

Apr. 24, 1915.

I. W. S.

Apr. 28, 1915: R. D. A.

At 7 hrs. 56 m., a.m., l.m.t., I set off 34° 38 1/2' N. on the lat. arc; 13° 57 1/2' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23 and 24.

Thence I run

## Subdivision of T. 15 N., R. 15 W.

## Chains.

- N.  $0^{\circ} 1'$  W., bet. secs. 13 and 14.  
Over mountainous land, through scattering undergrowth.  
Asc. SW. slope, 200 ft.
- 7.50 Spur, brs. SE. Asc. SE. slope.
- 24.00 Spur, brs. E. Desc. N. slope, 50 ft. to
- 31.00 Gulch, 5 lks. wide, course SE. Asc. S. slope, 145 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{4}$ S14 in W. and  
S13 in E. half;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
- 43.00 Spur, brs. SE. Desc. NE. slope, 200 ft. to
- 64.55 Asc. S. slope, 35 ft. to
- 72.00 Spur, brs. E. Desc. NE. slope, 25 ft. to
- 76.00 Gulch, 5 lks. wide, course SE. Asc. SW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap  
1915 on S. rim;  
T15N R15W in N. half;  
S11 in NW.,  
S12 in NE.,  
S13 in SE. and  
S14 in SW. quadrant;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.
- Land, mountainous.  
Soil, rocky 4th rate.  
No timber.  
Undergrowth, yucca and cacti.
- 
- 40.00 S.  $89^{\circ} 49'$  E., on a random line, bet. secs. 12 and 13.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect E. bdy of Tp., 26 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, established by me, as described in Book "A".  
Thence I run  
West, on a true line, bet. secs. 12 and 13.  
Over rolling land, through scattering timber and undergrowth.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{4}$ S12 in N. and  
S13 in S. half;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.
- 46.15 Road, brs. N. to Walter's Ranch, and S. to Yucca or Signal.
- 50.05 Leave rolling land, brs. N. and S.; asc E. slope 305 ft. to
- 69.00 Ridge, brs. NW. and SE. Desc. W. slope, 220 ft. to
- 80.04 The cor. of secs. 11, 12, 13 and 14.  
Land, rolling and mountainous.  
Soil, 3rd and 4th rate.  
Timber, juniper.  
Undergrowth, yucca and cacti.  
Apr. 28, 1915: At this cor., I set off  $14^{\circ} 00'$  N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is  $34^{\circ} 39'$  N.

Subdivision of T. 15 N., R. 15 W.

5.

Chains.

N.0° 1' W., bet. secs. 11 and 12.  
Over mountainous land, through scattering timber and undergrowth.  
Asc. SW. slope, 240 ft. to  
24.00 Spur, brs. SE. Desc. N. slope, 140 ft. to  
30.00 Thence along broken W. slope.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{2}$ S11 in W. and  
S12 in E. half;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
50.00 Asc. SE. slope, 245 ft. to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap  
1915 on S. rim;  
T15N R15W in N. half;  
S2 in NW.,  
S1 in NE.,  
S12 in SE. and  
S11 in SW. quadrant;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
Land, mountainous.  
Soil, rocky 4th rate.  
Timber, juniper.  
Undergrowth, cacti.

Apr. 28, 1915.

Apr. 30, 1915: At 9 hrs. 58 m, a.m., l.m.t., I set off  
34° 40' N; on the lat. arc; 14° 36' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 11 and 12.  
Thence I run  
40.00 East on a random line, bet. secs. 1 and 12.  
79.92 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect the E. bdy. of the Tp., 19 lks. N' of the cor. of secs. 1, 6, 7 and 12, which is an iron post, established by me, as described in Book "A".  
Thence I run  
N.89° 52' W., on a true line, bet. secs. 1 and 12.  
Over mountainous land, through scattering timber and undergrowth.  
Asc. E. slope, 160 ft. to  
12.50 Spur, brs. S.  
15.00 Head of gulch, course S. Asc. SE. slope, 55 ft. to  
23.50 Spur, brs. S. Desc. W. slope, 120 ft. to  
34.50 Road, brs. N. to Walter's Ranch and S. to Yucca or Signal.  
Thence over level land.  
39.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{2}$ S1 in N. and  
S12 in S. half;  
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
50.00 Asc. NE. slope, 280 ft.  
63.00 Spur, brs. SE. Asc. SE. slope  
79.92 The cor. of secs. 1, 2, 11 and 12.  
Land, level and mountainous.  
Soil, rocky, 3rd and 4th rate.  
Timber, juniper.  
Undergrowth, cacti.

Apr. 30, 1915.

## 6. Subdivision of T. 15 N., R. 15 W.

Chains.	Apr. 28, 1915. N.0° 1' W., on a random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.58	Intersect the N. bdy. of the Tp., 7 lks. E. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, established by me, as described in Book "A". Thence I run S.0° 4' E., on a true line, bet. secs. 1 and 2. Over mountainous land, through scattering timber and undergrowth. Asc. NE. slope, 205 ft.
29.30	Fence, brs. E. and W.
34.60	Spur, brs. E. Desc. S. slope, 135 ft.
37.90	Bar S Ranch House, owned by T. G. Walter, brs. N.85° E.
39.58	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S2 in W. and S1 in E. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
39.80	Gulch, 5 lks. wide, course E. Asc. N. slope, 175 ft. to
47.60	Spur, brs. E. Desc. S. slope, 275 ft.
58.60	Fence, brs. E. and W.
59.60	Gulch, 20 lks. wide, course E. Asc. NE. slope, 175 ft. to
78.10	Spur, brs. SE. Desc. SW. slope, 25 ft. to
79.58	The cor. of secs. 1, 2, 11 and 12. Land, mountainous. Soil, 4th rate. Timber, juniper. Undergrowth, cat claw and cacti.
	Apr. 28, 1915. R. D. A.
	I. W. S. Apr. 23, 1915. From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, established by R. D. A., as described in Book "A", I run N.0° 1' W., bet. secs. 34 and 35. Over level land, through scattering timber and undergrowth.
4.15	Road, brs. E. to Stout's Well, and W. to Castaneta Well.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S34 in W. and S35 in E. half; dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
63.90	Road, brs. NW. to Yucca, and SE. to Signal.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap 1915 on S. rim; T15N R15W in N. half; S27 in NW., S26 in NE., S35 in SE. and S34 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, level. Soil, gravelly loam, 2nd rate. Timber, scattering juniper. Undergrowth, ocatilla, cat claw, yucca and cacti.

Form 1921

Subdivision of T. 15 N., R. 15 W.

7.

Chains.

Apr. 23, 1915: At this cor., I set off 12° 22½' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 36½' N.

40.00 N.89° 57' E., on a random line, bet. secs. 26 and 35.  
 Set temp. ¼ sec. cor.  
 79.70 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 25, 26, 35 and 36.  
 Thence I run  
 N.89° 56' W., on a true line, bet. secs. 26 and 35.  
 Over level land, through scattering timber and undergrowth.  
 1.25 Road, brs. N. to Chicken Springs, and S. to Stout's Well.  
 10.30 Road, brs. ENE to Chicken Springs, and WSW. to Yucca.  
 39.85 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ½S26 in N. and  
 S35 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor. Pits impracticable.  
 40.70 Spur, brs. SE.  
 70.55 Road, brs. NW. to Yucca and SE. to Chicken Springs.  
 79.70 The cor. of secs. 26, 27, 34 and 35.  
 Land, level and hilly.  
 Soil, gravelly loam, 2nd rate.  
 Timber, juniper.  
 Undergrowth, yucca, greasewood, cat claw and cacti.  
 Apr. 23, 1915.

N.0° 1' W., bet. secs. 26 and 27.  
 Over gently rolling land, through scattering timber and undergrowth.  
 1.65 Road, brs. E. to Chicken Springs, and W. to Yucca.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ½S27 in W. and  
 S26 in E. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 49.80 Wash, course W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, on solid rock, supported by a mound of stone, for cor. of secs. 22, 23, 26 and 27, marked on brass cap  
 1915 on S. rim;  
 T15N R15W in N. half;  
 S22 in NW.,  
 S23 in NE.,  
 S26 in SE. and  
 S27 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Pits impracticable.  
 Land, gently rolling.  
 Soil, sandy loam, 1st rate.  
 Timber, juniper.  
 Undergrowth, greasewood, mesquite, yucca and cacti.  
 Cracker grass.  
 Apr. 24, 1915: At this cor. I set off 12° 42½' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 37½' N.

Chains	
40.00	S.89° 56' E., on a random line, bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
79.70	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 23, 24, 25 and 26, Thence I run S.89° 58' W., on a true line, bet. secs. 23 and 26. Over rolling hilly, through scattering timber and undergrowth.
25.70	Wash, course WSW.
39.85	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S23 in N. and S26' in S. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
66.70	Rocky knoll.
79.70	The cor. of secs. 22, 23, 26 and 27. Land, rolling and hilly. Soil, sandy loam, 2nd and 3rd rate. Timber, juniper. Undergrowth, greasewood, yucca, cat claw and cacti. Apr. 24, 1915.
	Apr. 26, 1915. N.0° 1' W., bet. secs. 22 and 23. Over hilly land, through scattering timber and undergrowth. Asc. S. slope, 40 ft. to Spur, brs. E.Desc. N. slope, 105 ft. to Thence over level land.
9.20	
32.00	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S22 in W. and S23 in E. half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
56.00	Asc. S. slope, 100 ft. to
63.00	Desc. N. slope, 95 ft. to
70.00	Gulch, course W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap 1915 on S. rim; T15N R15W in N. half; S15 in NW., S14 in NE., S23 in SE. and S22 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, hilly and level. Soil, rocky, 3rd and 4th rate. Timber, juniper. Undergrowth, greasewood, yucca, cat claw and cacti.
40.00	N.89° 58' E., on a random line, bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor.
79.72	Intersect N. and S. line, 30 lks. N. of the cor. of secs. 13, 14, 23 and 24. Thence I run N.89° 49' W., on a true line, bet. secs. 14 and 23. Over broken land, through scattering timber and undergrowth.

Subdivision of T. 15 N., R. 15 W.

Chains  
 21.70 Draw, course WSW.  
 39.86 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{2}$ S14 in N. and  
 $\frac{1}{2}$ S23 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 61.10 Road, brs. NW. to Yucca, and SE. to Chicken Springs.  
 79.72 The cor. of secs. 14, 15, 22 and 23.  
 Land, broken.  
 Soil, rocky 4th rate.  
 Timber scattering juniper.  
 Undergrowth, greasewood, yucca, cat claw and cacti.  
 I. W. S.  
 Apr. 26, 1915.

Apr. 27, 1915. R. D. A.  
 N.0° 1' W., bet. secs. 14 and 15.  
 Over hilly land, through scattering timber and undergrowth.  
 8.80 Road, brs. E. to Chicken Springs, and W. to Yucca.  
 Thence over rolling land.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{2}$ S15 in W. and  
 S14 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap  
 1915 on S. rim;  
 T15N R15W in N. half;  
 S10 in NW.,  
 S11 in NE.,  
 S14 in SE. and  
 S15 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, gently rolling and hilly.  
 Soil, 4th rate.  
 Timber, juniper.  
 Undergrowth, yucca and cacti.  
 Apr. 27, 1915.

Apr. 28, 1915.  
 S.89° 49' E., on a random line, bet. secs. 11 and 14.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.82 Intersect N. and S. line, 26 lks. S. of the cor. of secs. 11, 12, 13 and 14.  
 Thence I run  
 West on a true line, bet. secs. 11 and 14.  
 Over mountainous land, through scattering timber and undergrowth.  
 1.00 Gulch, 5 lks. wide, course SE. Asc. E. slope, 55 ft. to  
 12.00 Spur, brs. S. Desc. W. slope, 90 ft. to  
 20.00 Gulch, 5 lks. wide, course SW. Asc. E. slope, 10 ft. to  
 21.00 Spur, brs. E. Desc. W. slope, 90 ft. to  
 26.00 Gulch, 5 lks. wide, course S. Asc. E. slope, 50 ft. to  
 29.00 Spur, brs. S. Desc. SW. slope, 160 ft.  
 39.91 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{2}$ S11 in N. and

10.

## Subdivision of T. 15 N., R. 15 W.

Chains.

	<p>S14 in S. half; and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor. Pits impracticable.</p>
55.00	Thence over broken land.
79.82	The cor. of secs, 10, 11, 14 and 15. Land, mountainous and broken. Soil, rocky 4th rate. Timber, juniper. Undergrowth, yucca and cacti.
	R. D. A. Apr. 28, 1915.
	<p>Apr. 28, 1915: I. W. S. N.0° 1' W., bet. secs. 10 and 11. Over rolling land, through scattering timber and under- growth.</p>
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S10 in W. and S11 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
64.00	Leave rolling land; asc SW. slope, 275 ft. to
76.40	Spur, brs. W. Desc. NW. slope, 55 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap T15N R15W in N. half; S3 in NW., S2 in NE., S11 in SE. and S10 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling and mountainous. Soil, rocky, 3rd rate. Timber, juniper. Undergrowth, greasewood, yucca, palo christa and cacti. Apr. 28, 1915: At this cor., I set off 14° 00' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 40' N.
	<p>East, on a random line, bet. secs. 2 and 11.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. and S. line, 19 lks. N. of the cor. of secs. 1, 2, 11 and 12. Thence I run N.89° 52' W., on a true line, bet. secs. 2 and 11. Over mountainous land, through scattering timber and undergrowth. Desc. SW. slope, 160 ft. to
15.55	Gulch, course SE. Asc. E. slope, 170 ft. to
24.45	Spur, brs. SE. Desc. SW. slope, 140 ft. to
35.45	Gulch, course S. Asc. SE. slope, 125 ft.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S2 in N. and S11 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
50.95	Ridge, brs. NW. and SE. Desc. SW. slope, 285 ft. to
67.80	Gulch, course SW. Asc. SE. slope, 120 ft. to
76.15	Ridge, brs. NE. and SW. Desc. NW. slope, 70 ft. to
80.14	The cor. of secs. 2, 3, 10 and 11.

## Subdivision of T. 15 N., R. 15 W.

11.

Chains

Land, mountainous.  
Soil, rocky and gravelly, 3rd rate.  
Timber, juniper.  
Undergrowth, palo christa.

40.00 N.0° 1' W., on a random line, bet. secs. 2 and 3.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.83 Intersect N. bdy. of Tp., 19 lks. E. of the cor. of secs.  
2, 3, 34 and 35, which is an iron post, established by  
R. D. A., as described in Book "A".  
Thence I run  
S.0° 9' E., on a true line, bet. secs. 2 and 3.  
Over mountainous land, through scattering timber and under-  
growth.  
6.25 Asc. N. slope, 100 ft. to  
29.05 Ridge, brs. NW. and SE. Desc. SW. slope, 475 ft. to  
39.83 Gulch, course SW. Asc. NW. slope, 150 ft.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{4}$ S3 in W. and  
S2 in E. half;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Pits impracticable.  
43.60 Spur, brs. W. Desc. SW. slope, 330 ft. to  
70.85 Gulch, course SW. Asc. NW. slope, 45 ft. to  
79.83 The cor. of secs. 2, 3, 10 and 11.  
Land, mountainous.  
Soil, rocky and gravelly, 3rd rate.  
Timber, juniper.  
Undergrowth, palo christa.

Apr. 28, 1915.

Apr. 24, 1915: At 9 hrs. 5 m., a.m., l.m.t., I set off  
34° 35 $\frac{1}{2}$ ' N. on the lat. arc; 12° 40' N. on the decl.  
arc; and determine a meridian with the solar at the  
cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the  
Tp., which is an iron post, established by R. D. A.,  
as described in Book "A".  
Thence I run  
N.0° 2' W., bet. secs. 33 and 34.  
Over level land, through scattering timber and undergrowth.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{4}$ S33 in W. and  
S34 in E. half;  
dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high, W. of cor.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 27, 28, 33 and 34, marked on  
brass cap  
1915 on S. rim;  
T15N R15W in N. half;  
S28 in NW.,  
S27 in NE.,  
S34 in SE. and  
S33 in SW. quadrant;

## 12. Subdivision of T. 15 N., R. 15 W.

Chains.

dig pits, 18 X 18 X 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
and raise a mound of earth, 4 ft. base, 2 ft. high,  
W. of cor.

Land, level.

Soil, gravelly loam, 1st rate.

Timber, scattering juniper.

Undergrowth, cat claw and cacti.

40.00 N.  $89^{\circ} 57'$  E., on a random line, bet. secs. 27 and 34.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.72 Intersect N. and S. line, 4 lks. S. of the cor. of secs.  
26, 27, 34 and 35.

Thence I run

S.  $89^{\circ} 55'$  W., on a true line, bet. secs. 27 and 34.

Over level land, through scattering timber and undergrowth.

17.85 Road, brs. NW. to Yucca, and SE. to Signal.

39.86 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

1915 on S. rim;

 $\frac{1}{4}$ S27 in N. and

S34 in S. half;

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
high, N. of cor.

79.72 The cor. of secs. 27, 28, 33 and 34.

Land, level.

Soil, gravelly loam, 2nd rate.

Timber, scattering juniper.

Undergrowth, yucca, and cacti.

Apr. 24, 1915.

Apr. 26, 1915: At 7 hrs. 55 m., a.m., l.m.t., I set off  
 $34^{\circ} 36\frac{1}{2}'$  N. on the lat. arc;  $13^{\circ} 19'$  N. on the decl.  
arc; and determine a meridian with the solar at the cor.  
of secs. 27, 28, 33 and 34.

Thence I run

N.  $0^{\circ} 2'$  W., bet. secs. 27 and 28.

Over level land, through scattering timber and undergrowth.

30.90 Old road, brs. E. and W.

38.30 Wash, course WSW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

1915 on S. rim;

 $\frac{1}{4}$ S28 in W. and

S27 in E. half;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Pits impracticable.

41.90 Wash, course WSW.

58.33 Road, brs. NW. to Yucca and SE. to Signal.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 21, 22, 27 and 28, marked on  
brass cap

1915 on S. rim;

T15N R15W in N. half;

S21 in NW.,

S22 in NE.,

S27 in SE. and

S28 in SW. quadrant;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Pits impracticable.

Land, level.

Soil, gravelly loam, 2nd rate.

Timber, scattering juniper.

Undergrowth, greasewood, ocatilla, yucca, palo christo  
and cacti.

Chains.

Apr. 26, 1915: At this cor., I set off 13° 22' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 37½' N.

40.00 N. 89° 55' E., on a random line, bet. secs. 22 and 27.  
 Set temp. ¼ sec. cor.  
 79.88 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27,  
 Thence I run  
 S. 89° 57' W., on a true line, bet. secs. 22 and 27.  
 Over rolling land, through scattering timber and undergrowth.  
 36.75 Gulch, course S.  
 39.94 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ¼ S22 in N. and  
 S27 in S. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.  
 Asc. SE. slope, 95 ft. to  
 50.10 Spur, brs. S. Desc. SW. slope, 230 ft. to  
 79.88 The cor. of secs. 21, 22, 27 and 28.  
 Land, mountainous and rolling.  
 Soil, rocky, 2nd and 4th rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca, palo christa, cat claw and cacti.

I. W. S.  
Apr. 26, 1915.

Apr. 27, 1915: R. D. A.  
 N. 0° 2' W., bet. secs. 21 and 22.  
 Over level land, through scattering timber and undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap  
 1915 on S. rim;  
 ¼ S21 in W. and  
 S22 in E. half;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked on brass cap  
 1915 on S. rim;  
 T15N R15W in N. half;  
 S16 in NW.,  
 S15 in NE.,  
 S22 in SE. and  
 S21 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.  
 Land, level.  
 Soil, 3rd rate.  
 Timber, juniper.  
 Undergrowth, yucca and cacti.

## 14. Subdivision of T. 15 N., R. 15 W.

Chains.  
 40.00 N.  $89^{\circ} 57'$  E., on a random line, bet. secs. 15 and 22.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.18 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 14, 15, 22 and 23.  
 Thence I run  
 S.  $89^{\circ} 58'$  W., on a true line, bet. secs. 15 and 22.  
 Over rolling land, through scattering timber and undergrowth.  
 40.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S15 in N. and  
 S22 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 60.00 Asc. E. slope, 50 ft. to  
 67.70 Spur, brs. N. and S. Desc. W. slope, 120 ft. to  
 80.18 The cor. of secs. 15, 16, 21 and 22.  
 Land, rolling and hilly.  
 Soil, rocky 4th rate.  
 Timber, juniper.  
 Undergrowth, yucca and cacti.

R. D. A.

I. W. S.  
 N.  $0^{\circ} 2'$  W., bet. secs. 15 and 16.  
 Over level land, along W. side of hills, through scattering timber and undergrowth.  
 32.32 Road, brs. W. to Yucca, and E. to Chicken Springs.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, on solid rock, supported by a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S16 in W. and  
 S15 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 54.10 Wash, course W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap  
 1915 on S. rim;  
 T15N R15W in N. half;  
 S9 in NW.,  
 S10 in NE.,  
 S15 in SE. and  
 S16 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 Land, level.  
 Soil, rocky, 3rd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca and cacti.

Apr. 27, 1915.

Apr. 28, 1915: At 7 hrs. 54 m., a.m., 1.m.t., I set off  
 $34^{\circ} 39'$  N! on the lat. arc;  $13^{\circ} 57\frac{1}{2}'$  N! on the decl. arc; and determine a meridian with the solar at the cor. of secs. 9, 10, 15 and 16.  
 Thence I run  
 N.  $89^{\circ} 58'$  E., on a random line, bet. secs. 10 and 15.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.18 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14 and 15.  
 Thence I run  
 S.  $89^{\circ} 57'$  W., on a true line, bet. secs. 10 and 15.

Chains.	Over rolling land, through scattering timber and undergrowth.
40.09	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S10 in N. and S15 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
75.80	Gulch, course SW.
80.18	The cor. of secs. 9, 10, 15 and 16. Land, rolling. Soil, gravelly, 3rd rate. Timber, scattering juniper. Undergrowth, yucca, palo christe and cacti.
	N. $0^{\circ} 2'$ W., bet. secs. 9 and 10.
	Over slightly rolling land, through scattering timber and undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S9 in W. and S10 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
44.00	Asc. SW. slope, 235 ft. to
65.05	Spur, brs. SW. Desc. N. slope, 120 ft. to
76.65	Gulch, course NW. Asc. SW. slope, to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap 1915 on S. rim; T15N R15W in N. half; S4 in NW., S3 in NE., S10 in SE. and S9 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, rolling and hilly. Soil, gravelly and rocky, 3rd rate. Timber, juniper. Undergrowth, yucca, palo christe and cacti.
40.00	N. $89^{\circ} 57'$ E., on a random line, bet. secs. 3 and 10. Set temp. $\frac{1}{4}$ sec. cor.
80.10	Intersect N. and S. line, 21 lks. N. of the cor. of secs. 2, 3, 10 and 11. Thence I run N. $89^{\circ} 54'$ W., on a true line, bet. secs. 3 and 10. Desc. NW. slope, over rolling land, through scattering timber and undergrowth.
35.80	Gulch, course SW.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S3 in N. and S10 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
42.00	Spur, brs. SW. Desc. W. slope.
65.10	Gulch, course SW. Thence along S. slope.
80.10	The cor. of secs. 3, 4, 9 and 10. Land, rolling and mountainous. Soil, gravelly and rocky, 3rd rate. Timber, juniper. Undergrowth, palo christe and cacti.

Apr. 28, 1915.

## 16. Subdivision of T. 15 N., R. 15 W.

## Chains.

May 4, 1915.  
 N.0° 2' W., on a random line, bet. secs. 3 and 4.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.72 Intersect N. bdy. of Tp., 14 lks. E. of the cor. of secs.  
 3, 4, 33 and 34, which is an iron post, established by  
 R. D. A., as described in Book "A".  
 Thence I run  
 S.0° 8' E., on a true line, bet. secs. 3 and 4.  
 Over mountainous land, through scattering timber and  
 undergrowth.  
 Desc. SW. slope, 210 ft. to  
 15.70 Gulch, course W. Thence along broken W. slope.  
 39.72 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S4 in W. and  
 S3 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 74.10 Spur, brs. W. Desc. SW. slope, to  
 79.72 The cor. of secs. 3, 4, 9 and 10.  
 Land, mountainous and broken.  
 Soil, rocky 3rd rate.  
 Timber, juniper.  
 Undergrowth, yucca and cacti.  
 May 4, 1915.

Apr. 26, 1915.  
 From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of  
 the Tp., which is an iron post, established by R. D. A.,  
 as described in Book "A"., I run  
 N.0° 2' W., bet. secs. 32 and 33.  
 Over level land, through scattering timber and undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S32 in W. and  
 S33 in E. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 67.70 Wash, course WSW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 28, 29, 32 and 33, marked on  
 brass cap  
 1915 on S. rim;  
 T15N R15W in N. half;  
 S29 in NW.,  
 S28 in NE.,  
 S33 in SE. and  
 S32 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 Land, level.  
 Soil, sandy and gravelly loam, 1st and 2nd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca, mesquite and cactclaw.

N.89° 57' E., on a random line, bet. secs. 28 and 33.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line, 26 lks. N. of the cor. of secs.

Chains.

27, 28, 33 and 34.  
 Thence I run  
 N.89° 52' W., on a true line, bet. secs. 28 and 33.  
 Over level land, through scattering timber and undergrowth.  
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S28 in N. and  
 S33 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor. Pits impracticable.  
 61.95 Wash, course SW.  
 79.96 The cor. of secs. 28, 29, 32 and 33.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 Timber, scattering juniper.  
 Undergrowth, greasewood, cat claw, mesquite and cacti.  
 I. W. S.  
 Apr. 26, 1915.

Apr. 27, 1915. R. D. A.  
 N.0° 2' W., bet. secs. 28 and 29.  
 Over level land, through scattering timber and undergrowth.  
 26.00 Faint road, brs. NW. and SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S29 in W. and  
 S28 in E. half;  
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
 dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
 high, W. of cor.  
 60.00 Wash, 50 lks. wide, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 20, 21, 28 and 29, marked on  
 brass cap  
 1915 on S. rim;  
 T15N R15W in N. half;  
 S20 in NW.,  
 S21 in NE.,  
 S28 in SE. and  
 S29 in SW. quadrant;  
 dig pits, 18 X 18 X 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.;  
 and raise a mound of earth, 4 ft. base, 2 ft. high,  
 W. of cor.  
 Land, level.  
 Soil, 3rd rate.  
 Timber, scattering juniper.  
 Undergrowth, yucca, greasewood and cacti.

S.89° 52' E., on a random line, bet. secs. 21 and 28.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line, 14 lks. S. of the cor. of secs.  
 21, 22, 27 and 28.  
 Thence I run  
 N.89° 58' W., on a true line, bet. secs. 21 and 28.  
 Over level land, through scattering undergrowth.  
 19.95 Road, brs. NW. to Yucca, and SE. to Signal.  
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S21 in N. and  
 S28 in S. half;  
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
 dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.

Chains. 79.96	<p>high, N. of cor. The cor. of secs. 20, 21, 28 and 29. Land, level. Soil, 3rd rate. No timber. Undergrowth, yucca, greasewood, and cacti. Apr. 27, 1915: At this cor., I set off 13° 41' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 37½' N. R. D. A.</p>
40.00  51.18 80.00	<p>I. W. S. N. 0° 2' W., bet. secs. 20 and 21. Over level land, through scattering timber and undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼ S20 in W. and S21 in E. half; dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Road, brs. NW. to Yucca and SE. to Signal. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap 1915 on S. rim; T15N R15W in N. half; S17 in NW., S16 in NE., S21 in SE. and S20 in SW. quadrant; dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise amount of earth, 4 ft. base, 2 ft. high, W. of cor. Land, level. Soil, sandy loam, 1st rate. Timber, scattering juniper on 1st half mile. Undergrowth, yucca and cacti. Cracker grass.</p>
40.00 79.72  39.86  47.40 79.72	<p>S. 89° 58' E., on a random line, bet. secs. 16 and 21. Set temp. ¼ sec. cor. Intersect N. and S. line, 9 lks. N. of the cor. of secs. 15, 16, 21 and 22. Thence I run N. 89° 54' W., on a true line, bet. secs. 16 and 21. Over level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼ S16 in N. and S21 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Wash, course S. The cor. of secs. 16, 17, 20 and 21. Land, level. Soil, sandy loam, 1st rate, and rocky 4th rate. No timber. Undergrowth, greasewood, cat claw, yucca and cacti. Apr. 27, 1915.</p>

Subdivision of T. 15 N., R. 15 W.

<p>Chains</p> <p>40.00</p> <p>49.95</p> <p>80.00</p>	<p>May 1, 1915.  N.0° 2' W., bet. secs. 16 and 17.  Over level land, through scattering timber and undergrowth.  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S17 in W. and  S16 in E. half;  and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable.  Road, brs. E. to Chicken Springs, and W. to Yucca.  Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap  1915 on S. rim;  T15N R15W in N. half;  S8 in NW.,  S9 in NE.,  S16 in SE. and  S17 in SW. quadrant;  and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable.  Land, level.  Soil, sandy loam, 1st rate.  Timber, juniper.  Undergrowth, greasewood, yucca, cat claw and cacti.  Cracker grass.</p>
<p>40.00</p> <p>79.74</p> <p>11.75</p> <p>39.87</p> <p>62.75</p> <p>79.74</p>	<p>S.89° 54' E., on a random line, bet. secs. 9 and 16.  Set temp. <math>\frac{1}{4}</math> sec. cor.  Intersect N. and S line, 2 lks. S. of the cor. of secs. 9, 10, 15 and 16.  Thence I run  N.89° 55' W., on a true line, bet. secs. 9 and 16.  Over level land, through scattering timber and undergrowth.  Wash, course S.  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S9 in N. and  S16 in S.half;  and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor. Pits impracticable.  Wash, course S.  The cor. of secs. 8, 9, 16 and 17.  Land, level and rolling.  Soil, rocky 3rd rate.  Timber, juniper.  Undergrowth, greasewood, yucca, palo christo and cacti.</p>
<p>40.00</p> <p>65.50</p> <p>80.00</p>	<p>N.0° 2' W., bet. secs. 8 and 9.  Over level land, through scattering timber and undergrowth.  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap  1915 on S. rim;  <math>\frac{1}{4}</math>S8 in W. and  S9 in E. half;  and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor. Pits impracticable.  Wash, course SE.  Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap</p>

20.

Subdivision of T. 15 N., R. 15 W.

Chains.

1915 on S. rim;  
T15N R15W in N. half;  
S5 in NW.,  
S4 in NE.,  
S9 in SE. and  
S8 in SW. quadrant;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  high,  
W. of cor. Pits impracticable.

Land, level.

Soil, rocky, 3rd rate.

Timber, scattering juniper.

Undergrowth, dense palo christa, yucca, scrub oak, wild  
rose and cacti.

May 1, 1915.

May 3, 1915.

S.  $89^{\circ} 55'$  E., on a random line, bet. secs. 4 and 9.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.96 Intersect N. and S. line, 7 lks. N. of the cor. of secs.  
3, 4, 9 and 10.

Thence I run

N.  $89^{\circ} 52'$  W., on a true line, bet. secs. 4 and 9.

Over level land, through scattering undergrowth.

0.75 Wash, course SE.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

1915 on S. rim;

$\frac{1}{4}$ S4 in N. and

S9 in S. half;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Pits impracticable.

79.96 The cor. of secs. 4, 5, 8 and 9.

Land, level.

Soil, gravelly and rocky, 3rd rate.

No timber.

Undergrowth, yucca, palo christa, greasewood and cacti.

May 3, 1915.

May 4, 1915: At 9 hrs. 55 m., a.m., l.m.t., I set off  $34^{\circ}$   
 $40'$  N. on the lat. arc;  $15^{\circ} 48\frac{1}{2}'$  N. on the decl. arc;  
and determine a meridian with the solar at the cor. of  
secs. 4, 5, 8 and 9.

Thence I run

N.  $0^{\circ} 2'$  W., on a random line, bet. secs. 4 and 5.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.75 Intersect N. bdy. of Tp., 23 lks. E. of the cor. of secs.  
4, 5, 32 and 33, which is an iron post, established by  
R. D. A., as described in Book "A".

Thence I run

S.  $0^{\circ} 12'$  E., on a true line, bet. secs. 4 and 5.

Over mountainous land, through scattering timber and under-  
growth.

Desc. SE. slope, 330 ft. to

27.50 Foot of desc; brs. E. and W. Thence over level land.

39.75 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

1915 on S. rim;

$\frac{1}{4}$ S5 in W. and

S4 in E. half;

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Pits impracticable.

Chains.  
74.00  
79.75

Gulch, course SW.  
The cor. of secs. 4, 5, 8 and 9.  
Land, level and mountainous.  
Soil, rocky, 3rd rate.  
Timber, juniper.  
Undergrowth, palo christe, greasewood and cacti.  
I. W. S.  
May 4, 1915.

Apr. 27, 1915. R. D. A.  
At 8 hrs. 5 m., a.m., l.m.t., I set off  $34^{\circ} 38\frac{1}{2}'$  N. on the lat. arc;  $13^{\circ} 38\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32, which is an iron post, established by me, as described in Book "A".

Thence I run  
N.  $0^{\circ} 3'$  W., bet. secs. 31 and 32.  
Over level land, through scattering timber and undergrowth.  
37.00 Wash, 1 ch. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{4}$ S31 in W. and  
S32 in E. half;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap

1915 on S. rim;  
T15N R15W in N. half;  
S30 in NW.,  
S29 in NE.,  
S32 in SE. and  
S31 in SW. quadrant;  
dig pits, 18 X 18 X 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
Land, level.  
Soil, 3rd rate.  
Timber, juniper.  
Undergrowth, greasewood, yucca and cacti.

40.00  
79.92

N.  $89^{\circ} 57'$  E., on a random line, bet. secs. 29 and 32.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 30 lks. S. of the cor. of secs. 28, 29, 32 and 33.

39.96

Thence I run  
S.  $89^{\circ} 44'$  W., on a true line, bet. secs. 29 and 32.  
Over level land, through scattering timber and undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{4}$ S29 in N. and  
S32 in S. half;  
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. N. of cor.

69.90  
73.12  
79.92

Wash, 50 lks. wide, course SW.  
Pipe line road, brs. N.  $21^{\circ}$  W., and S.  $21^{\circ}$  E.  
The cor. of secs. 29, 30, 31 and 32.

22.

Subdivision of T. 15 N., R. 15 W.

## Chains.

Land, level.  
Soil, 3rd rate.  
Timber, juniper.  
Undergrowth, greasewood, yucca and cacti.  
R. D. A.

I. W. S.  
S.89° 57' W., on a random line, bet. secs. 30 and 31.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.30 Intersect W. bdy. of Tp., 18 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by me, as described in Book "A".  
Thence I run  
S.89° 55' E., on a true line, bet. secs. 30 and 31.  
Over level land, through scattering undergrowth.  
39.30 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{4}$ S30 in N. and  
S31 in S. half;  
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
79.30 The cor. of secs. 29, 30, 31 and 32.  
Land, level.  
Soil, sandy loam, 1st rate.  
No timber.  
Undergrowth, greasewood, yucca and cacti.  
Cracker grass.

N.0° 3' W., bet. secs. 29 and 30.  
Over level land, through scattering undergrowth.  
17.92 Pipe line road, brs. N. 21° W., and S. 21° E.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
1915 on S. rim;  
 $\frac{1}{4}$ S30 in W. and  
S29 in E. half;  
dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
62.65 Old road, brs. E. and W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap  
1915 on S. rim;  
T15N R15W in N. half;  
S19 in NW.,  
S20 in NE.,  
S29 in SE. and  
S30 in SW. quadrant;  
dig pits, 18 X 18 X 12 ins., in each sec.,  $5\frac{1}{2}$  ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
Land, level.  
Soil, sandy loam, 1st and 2nd rate.  
No timber.  
Undergrowth, greasewood, yucca and cacti.  
Cracker grass.

Subdivision of T. 15 N., R. 15 W.

Chains.  
 40.00 N.89° 44' E., on a random line, bet. secs. 20 and 29.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.90 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 20, 21, 28 and 29.  
 Thence I run  
 S.89° 51' W., on a true line, bet. secs. 20 and 29.  
 Over level land, through scattering timber and undergrowth.  
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S20 in N. and  
 S29 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 79.90 The cor. of secs. 19, 20, 29 and 30.  
 Land, level.  
 Soil, sandy loam, 1st and 2nd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca and cacti.  
 Cracker grass.  
 Apr. 27, 1915.

Apr. 30, 1915.  
 40.00 N.89° 55' W., on a random line, bet. secs. 19 and 30.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.06 Intersect W. bdy. of Tp., 7 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, established by me as described in Book "A".  
 Thence I run  
 S.89° 58' E., on a true line, bet. secs. 19 and 30.  
 Over level land, through scattering timber and undergrowth.  
 39.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S19 in N. and  
 S30 in S. half;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 39.45 Old road, brs. NW. to old corral, and SE.  
 55.23 Pipe line road, brs. N. 21° W., and S. 21° E.  
 79.06 The cor. of secs. 19, 20, 29 and 30.  
 Land, level.  
 Soil, sandy loam, 1st rate.  
 Timber, scattering juniper.  
 Undergrowth; greasewood, yucca and cacti.  
 Cracker grass.  
 Apr. 30, 1915.

May 1, 1915: At 7 hrs. 28 m., a.m., l.m.t., I set off 34° 37 $\frac{1}{2}$ ' N. on the lat. arc; 14° 53 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 19, 20, 29 and 30.  
 Thence I run  
 N.0° 3' W., bet. secs. 19 and 20.  
 Over level land, through scattering timber and undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S19 in W. and  
 S20 in E. half;  
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

24.

## Subdivision of T. 15 N., R. 15 W.

Chains. 80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap</p> <p>1915 on S. rim; T15N R15W in N. half; S18 in NW., S17 in NE., S20 in SE. and S19 in SW. quadrant;</p> <p>dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, level. Soil, sandy loam, 1st rate. Timber, juniper. Undergrowth, palo christa, greasewood, mesquite and cacti</p>
40.00 80.14	<p>N.89° 51' E., on a random line, bet. secs. 17 and 20. Set temp. ¼ sec. cor.</p> <p>Intersect N. and S. line, 14 lks. N. of the cor. of secs. 16, 17, 20 and 21.</p> <p>Thence I run S.89° 57' W., on a true line, bet. secs. 17 and 20.</p>
26.61 40.07	<p>Over level land, through scattering timber and undergrowth. Road, brs. NW. to Yucca and SE. to Signal.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap</p> <p>1915 on S. rim; ¼S17 in N. and S20 in S. half;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.</p>
80.14	<p>The cor. of secs. 17, 18, 19 and 20. Land, level. Soil, sandy loam, 1st rate. Timber, scattering juniper. Undergrowth, greasewood, yucca, cat claw and cacti. May 1, 1915: At this cor., I set off 14° 56' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 38½' N. ✓ May 1, 1915.</p>
40.00 78.92	<p>May 3, 1915. N.89° 58' W., on a random line, bet. secs. 18 and 19. Set temp. ¼ sec. cor.</p> <p>Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, established by me, as described in Book "A".</p> <p>Thence I run S.89° 57' E., on a true line, bet. secs. 18 and 19.</p>
5.80 24.25 38.92	<p>Over level land, through scattering undergrowth. Old road, brs. NE. and SW. Pipe line road, brs. N.21° W., and S. 21° E.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap</p> <p>1915 on S. rim; ¼S18 in N. and S19 in S. half;</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.</p>
46.00 78.92	<p>Wash, course SW. The cor. of secs. 17, 18, 19 and 20. Land, level. Soil, loose sandy loam, 1st and 2nd rate. No timber. Undergrowth, greasewood, yucca and cacti.</p>

BOOK 2021

Subdivision of T. 15 N., R. 15 W.

25.

Chains

N.0° 3' W., bet. secs. 17 and 18.  
 Over level land, through scattering timber and undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S18 in W. and  
 S17 in E. half;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 58.80 Road, brs. NW. to Yucca, and SE. to Signal.  
 71.60 Road, brs. E. to Chicken Springs, and W. to Yucca.  
 75.00 Wash, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 7, 8, 17 and 18, marked on  
 brass cap  
 1915 on S. rim;  
 T15N R15W in N. half;  
 S7 in NW.,  
 S8 in NE.,  
 S17 in SE. and  
 S18 in SW. quadrant;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable.  
 Land, level.  
 Soil, loose sandy and gravelly loam, 2nd rate.  
 Timber, scattering juniper.  
 Undergrowth, greasewood, yucca and cacti.  
 May 3, 1915: At this cor., I set off 15° 32' N. on the  
 decl. arc; and at apparent noon, I observe the sun on  
 the meridian; the resulting lat. is 34° 39' N.

N.89° 57' E., on a random line, bet. secs. 8 and 17.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect N. and S. line, 16 lks. S. of the cor. of secs.  
 8, 9, 16 and 17.  
 Thence I run  
 ✓ S.89° 50' W., on a true line, bet. secs. 8 and 17.  
 Over level land, through scattering timber and undergrowth.  
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S8 in N. and  
 S17 in S. half;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor. Pits impracticable.  
 77.00 Wash, course SSW.  
 80.10 The cor. of secs. 7, 8, 17 and 18.  
 Land, level.  
 Soil, loose sandy loam, 2nd rate.  
 Timber, scattering juniper.  
 Undergrowth, greasewood, yucca, palo christa and cacti.  
 I. W. S.  
 May 3, 1915.

May 4, 1915. R. D. A.  
 N.89° 57' W., on a random line, bet. secs. 7 and 18.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.78 Intersect W. bdy. of Tp., 21 lks. N. of the cor. of secs.  
 7, 12, 13 and 18, which is an iron post, established  
 by I. W. S., as described in Book "A".  
 Thence I run  
 ✓ N.89° 54' E., on a true line, bet. secs. 7 and 18.  
 Over level land, through scattering timber and undergrowth.  
 38.78 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

26.

Subdivision of T. 15 N., R. 15 W.

Chains.	<p>1915 on S. rim;  <math>\frac{1}{4}</math>S7 in N. and            S18 in S. half;            and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high,            N. of cor. Pits impracticable.</p> <p>55.00 Road, brs. NW. to Yucca, and SE. to Signal.            76.00 Wash, course S.            78.78 The cor. of secs. 7, 8, 17 and 18.            Land, level.            Soil, 3rd rate.            Timber, scattering juniper.            Undergrowth, greasewood, yucca and cacti.</p> <p style="text-align: right;">R. D. A.            May 4, 1915.</p>
30.00 40.00 80.00	<p>May 3, 1915. I. W. S.            N. <math>0^{\circ} 3'</math> W., bet. secs. 7 and 8 .            Over level land, through scattering timber and undergrowth.            Wash, course SW.            Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the            ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap            1915 on S. rim;  <math>\frac{1}{4}</math>S7 in W. and            S18 in E. half;            and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high,            W. of cor. Pits impracticable.            Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the            ground, for cor. of secs. 5, 6, 7 and 8, marked on            brass cap            1915 on S. rim;            T15N R15W in N. half;            S6 in NW.,            S5 in NE.,            S8 in SE. and            S7 in SW. quadrant;            and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high,            W. of cor. Pits impracticable.            Land, level.            Soil, sandy and gravelly loam, 2nd and 3rd rate.            Timber, scattering juniper.            Undergrowth, greasewood, yucca and cacti.</p>
40.00 80.00 3.00 40.00 60.00 73.00 80.00	<p>N. <math>89^{\circ} 50'</math> E., on a random line, bet. secs. 5 and 8.            Set temp. <math>\frac{1}{4}</math> sec. cor.            Interssct N. and S. line, 9 lks. S. of the cor. of secs.            4, 5, 8 and 9.            Thence I run            S. <math>89^{\circ} 46'</math> W., on a true line, bet. secs. 5 and 8.            Over level land, through dense undergrowth and timber.            Wash, course S.            Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the            ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap            1915 on S. rim;  <math>\frac{1}{4}</math>S5 in N. and            S8 in S. half;            and raise a mound of stone, 2 ft. base, <math>1\frac{1}{2}</math> ft. high,            N. of cor. Pits impracticable.            Wash, course SW.            Wash, course S.            The cor. of secs. 5, 6, 7 and 8.            Land, level.            Soil, gravelly and rocky, 2nd and 3rd rate.            Timber, dense juniper.            Undergrowth, dense palo christe, yucca, cat claw and cacti.</p>

Chains.

May 4, 1915.  
 S.89°54' W., on a random line, bet. secs. 6 and 7.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.58 Intersect W. bdy. of Tp., 30 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, established by me, as described in Book "A".  
 Thence I run  
 S.89° 53' E., on a true line, bet. secs. 6 and 7.  
 Over rolling land, through scattering timber and undergrowth.  
 22.60 Asc. NW. slope, 80 ft. to  
 30.60 Spur, brs. N. Desc. NE. slope, 85 ft.  
 38.58 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, on solid rock, supported by a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S6 in N. and  
 S7 in S. half;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 46.60 Foot of desc., brs. NW. and SE. Thence over level land.  
 78.58 The cor. of secs. 5, 6, 7 and 8.  
 Land, level and rolling.  
 Soil, sandy loam, 2nd rate and rocky 3rd rate.  
 Timber, juniper.  
 Undergrowth, yucca, palo christe and cacti.  
 May 4, 1915: At this cor., I set off 15° 49 $\frac{1}{2}$ ' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 34° 40' N. ✓

40 .00 N.0° 3' W., on a random line, bet. secs; 5 and 6.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.93 Intersect N. bdy. of Tp., 30 lks. E. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, established by R. D. A., as described in Book "A".  
 Thence I run  
 ✓ S.0° 16' E., on a true line, bet. secs. 5 and 6.  
 Over rolling land, through scattering timber and undergrowth.  
 39.93 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap  
 1915 on S. rim;  
 $\frac{1}{4}$ S6 in W. and  
 S5 in E. half;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
 79.93 The cor. of secs. 5, 6, 7 and 8.  
 Land, rolling.  
 Soil, gravelly and rocky, 2nd and 3rd rate.  
 Timber, juniper.  
 Undergrowth, greasewood, yucca and palo christe.  
 I. W. S.  
 May 4, 1915.

GENERAL DESCRIPTION.

The Tp. consists of a rolling flat in W. SW., and central portions. The N., NE., and E. parts are more rolling and rocky, the extreme N. running up on a mountain. Except in rocks in N. part, the soil is sandy clay of considerable depth, and in that part, the soil is very rocky, many large boulders being present. There is no timber of any importance, the vegetation consisting of cacti of many kinds, -yucca, giant cacti, palo verde, cholla, ocatilla etc. Some grass grows, supporting a few cattle.

28.

Subdivision of T. 15 N.. R. 15 W.

Stout's well in sec. 35 is practically the only water.  
An old prospector by the name of Scott lives here.  
No mineral noticed.

U. S. Surveyor.

U. S. Engineer.

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29 BOOK 2921

For FINAL OATH OF UNITED STATES SURVEYOR.

See Book "B."

I, \_\_\_\_\_, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

\_\_\_\_\_ of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, February 15, 1917.

The foregoing field notes of the survey of the \_\_\_\_\_

Subdivision lines of Township 15 North, Range 15 West,  
of the Gila and Salt River Base and Meridian, Arizona,

executed by Irving W. Stoddard, U. S. Surveyor, & R. D. Armstrong, U. S. Transitman, under <sup>their</sup> his special instructions dated December 28, 1914 for Group 41, \_\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Surveyor General.  
of Arizona.

I certify that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_ Book "J," \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

Surveyor General  
of Arizona.